



Georgian National University SEU

One -Cycle Educational Programme

DOCTOR OF DENTAL MEDICINE (DMD)

2024

CURRICULUM

	Courses	ECTS	Hours	Prerequisite	Students' Workload						Credits allocation through semester									
					Lecture	Seminar/Practical training	Midterm exam	Final exam	Contact hours	Independent hours	I	II	III	IV	V	VI	VII	VIII	IX	X
	Mandatory Courses	286	Credits according to the semester								I	II	III	IV	V	VI	VII	VIII	IX	X
											28	24	18	8						
1.	Foreign Language I	4	100	N/A	-	52	2	3	57	43	4									
2.	Medical Physics and Biophysics	4	100	N/A	13	26	2	2	43	57	4									
3.	Bioethics	2	50	N/A	14	12	1	2	29	21	2									
4.	Human Anatomy I	5	125	N/A	13	39	1	2	55	70	5									
5.	Physiology I	3	75	N/A	13	13	1	2	29	46	3									
6.	Cell Biology	5	125	N/A	13	26	1	2	42	83	5									
7.	Histology I	3	75	N/A	13	13	1	2	29	46	3									
8.	Introduction to Psychology	2	50	N/A	12	14	1	2	29	21	2									
9.	Foreign Language II	4	100	Foreign Language I	13	52	2	3	57	43		4								
10	Human Anatomy II	5	125	Human					55	70		5								

				Anatomy I																
11.	Physiology II	3	75	Physiology I	13	13	1	2	29	46		3								
12.	Molecular Biology and Genetics	4	100	Cell Biology	13	26	1	2	42	58		4								
13.	Histology II	3	75	Histology I	13	13	1	2	29	46		3								
14.	Biochemistry	5	125	N/A	13	26	1	2	42	83		5								
15.	Foreign Language III	4	100	Foreign Language II	-	52	2	3	57	43			4							
16.	Pathology I	3	75	Histology II, Molecular Biology and Genetics	13	13	1	2	29	46										
17.	Pharmacology I	3	75	Physiology II; Biochemistry	13	13	1	2	29	46										
18.	Immunology and Microbiology	4	100	Molecular Biology and Genetics	13	26	1	2	42	58										
19.	Academic Writing	4	100	N/A	13	26	1	2	42	58										
.	Communication Skills	2	50	N/A	13	13	1	2	29	21										2
20 21.	Pathology II	3	75	Pathology I	13	13	1	2	29	46										
22.	Pharmacology II	3	75	Pharmacology1	13	13	1	2	29	46										
	Research																			4



23.	Methods of Scientific Research	4	100	Academic writing	13	27	1	2	43	57				4					
24.	Epidemiology and Biostatistics	4	100	Methods of Scientific Research	12	27	1	2	42	58					4				
25.	Evidence-Based Dentistry	2	50	Epidemiology and Biostatistics	13	13	2	2	30	20						2			
	Healthcare														4			4	
26.	Health and Society I	4	100	N/A	12	27	1	2	42	58					4				
27.	Health and Society II	4	100	Health and Society1	12	27	1	2	42	58									4
	Fundamentals of dentistry										2	2	4	2	3			3	
28.	Introduction to Dentistry	2	50	N/A	7	20	2	2	31	19	2								
29.	Oral Anatomy, Histology And Embriology	2	50	Histology I, Human Anatomy I	13	13	2	2	30	20		2							
30.	Oral Immunology And Microbiology	2	50	Oral Anatomy, Histology And Embriology	13	13	2	2	30	20			2						
31.	Fundamentals Of Gnathology	2	50	Oral anatomy histology and embriology	13	13	2	2	30	20			2						
32.	Dental Material Science	2	50	Biochemistry	15	11	2	2	30	20				2					

33.	Special Needs Dentistry	3	75	Therapeutic dentistry I	14	25	2	2	43	32					3					
34.	Geriatric Dentistry	3	75	Special Needs Dentistry	15	24	2	2	43	32								3		
Therapeutic dentistry												2	2	3	3	3	3	3	4	6
35.	Therapeutic dentistry I	2	50	Histology I, Human Anatomy I	15	11	2	2	30	20		2								
36.	Therapeutic dentistry II	2	50	Oral Anatomy, Histology And Embriology, Therapeutic dentistry I	6	20	2	2	30	20			2							
37.	Therapeutic dentistry III	3	75	Therapeutic dentistry II	13	26	2	2	43	32				3						
38.	Therapeutic dentistry IV	3	75	Therapeutic dentistry III	10	27	2	2	41	34					3					
39.	Therapeutic dentistry V	3	75	Therapeutic dentistry IV	12	36	2	2	52	23						3				
40.	Therapeutic dentistry VI	3	75	Therapeutic dentistry V	9	27	2	2	40	35							3			

41.	Therapeutic dentistry VII	3	75	Therapeutic dentistry VI	9	27	2	2	40	35								3	
42.	Therapeutic dentistry VIII	4	100	Therapeutic dentistry VII	11	29	2	2	44	56									4
43.	Therapeutic dentistry IX	6	150	Therapeutic dentistry VIII	5	43	2	2	52	98									6
	Surgical Dentistry												2	3	3	3	3	5	6
44.	Surgical Dentistry I	2	50	Oral anatomy histology and embryology	13	13	2	2	30	20			2						
45.	Surgical Dentistry II	3	75	Surgical Dentistry I	14	25	2	2	43	32				3					
46.	Surgical Dentistry III	3	75	Surgical Dentistry II	12	28	2	2	44	31					3				
47.	Surgical Dentistry IV	3	75	Surgical Dentistry III	11	25	2	2	40	35						3			
48.	Surgical Dentistry V	3	75	Surgical Dentistry IV	12	28	2	2	44	31							3		
49.	Surgical Dentistry VI	5	125	Surgical Dentistry V	12	28	2	2	44	81									5

50.	Surgical Dentistry VII	6	150	Surgical Dentistry VI	8	40	2	2	52	98										6
	Prosthetic dentistry												2	3	3	4	4	4	6	7
51.	Prosthetic dentistry I	2	50	Oral anatomy histology and embriology	14	14	2	2	32	18		2								
52.	Prosthetic Dentistry II	3	75	Prosthetic dentistry I	15	27	2	2	46	29			3							
53.	Prosthetic Dentistry III	3	75	Prosthetic dentistry II	14	25	2	2	43	32				3						
54.	Prosthetic Dentistry IV	4	100	Prosthetic Dentistry III	9	31	2	2	44	56					4					
55.	Prosthetic Dentistry V	4	100	Prosthetic Dentistry IV	10	26	2	2	40	60						4				
56.	Prosthetic Dentistry VI	4	100	Prosthetic Dentistry V	9	23	2	2	36	64							4			
57.	Prosthetic Dentistry VII	6	150	Prosthetic Dentistry VI	13	39	2	2	56	94										6
58.	Prosthetic Dentistry VIII	7	175	Prosthetic Dentistry VII	13	39	2	2	56	119										7

	Pediatric Dentistry													2	2	3	3	3	3	4	4
59.	Preventive Dentistry	2	50	Oral Anatomy, Histology and Embryology	13	13	2	2	30	20				2							
60.	Pediatric Dentistry I	2	50	Preventive Dentistry	5	21	2	2	30	20					2						
61.	Pediatric Dentistry II	3	75	Pediatric Dentistry I	12	25	2	2	41	34						3					
62.	Pediatric Dentistry III	3	75	Pediatric Dentistry II	12	28	2	2	44	31							3				
63.	Pediatric surgical dentistry I	3	75	Pediatric Dentistry III	10	22	2	2	36	39								3			
64.	Pediatric surgical dentistry II	3	75	Pediatric surgical dentistry I	11	25	2	2	40	35									3		
65.	Pediatric surgical dentistry III	4	100	Pediatric surgical dentistry II	13	27	2	2	44	56										4	
66.	Pediatric surgical dentistry IV	4	100	Pediatric surgical dentistry III	18	20	2	2	42	58											4
	Orthodontics																	3	3	3	3

67.	Orthodontics I	3	75	Pediatric Dentistry III	8	24	2	2	36	39								3		
68.	Orthodontics II	3	75	Orthodontics I	10	27	2	2	41	34									3	
69.	Orthodontics III	3	75	Orthodontics II	10	30	2	2	44	31										3
70.	Orthodontics IV	3	75	Orthodontics III	8	24	2	2	36	39										3
Clinical Skills													2	2						
71.	Clinical and Professional Skills I	2	50	N/A	-	26	1	2	29	21			2							
72.	Clinical and Professional Skills II	2	50	Clinical and Professional Skills I	-	26	1	2	29	21					2					
Clinical Courses														4	10	9	12	8	4	
73.	Radiology	4	100	Human Anatomy II	13	26	1	2	42	58			4							
74.	Methods of Diagnosis	5	125	Pathology II	13	26	1	2	42	83					5					
75.	Surgery	5	125	N/A	13	39	1	2	55	70					5					
76.	Internal Medicine I	5	125	Methods of Diagnosis, Immunology &	13	39	1	2	55	70						5				

				microbiology															
77.	Pediatrics	4	100	Methods of Diagnosis	10	24	1	2	37	63						4			
78.	Internal Medicine II	6	150	Internal Medicine I	13	42	1	2	58	92						6			
79.	Infectious Diseases	3	75	Methods of Diagnosis; Immunology & Microbiology	5	15	1	2	23	52						3			
80.	Neurology	3	75	Methods of Diagnosis	5	15	1	2	23	52						3			
81.	Dermatology / Venerology	2	50	Methods of Diagnosis	5	15	1	2	23	27							2		
82.	Otorhinolaryngology	3	75	Methods of Diagnosis; Surgery	6	24	1	2	33	42							3		
83.	Ophthalmology	3	75	Methods of Diagnosis; Surgery	6	24	1	2	33	42							3		
84.	Anesthesiology and Intensive care	4	100	Surgery	7	28	1	2	38	62								4	
	Elective Courses	12											2	3			3		4
85.	Information Technologies	2	50	N/A	-	30	1	2	33	17									
86.	Philosophy		50	N/A	13	13	1	2	29	21			2						



87.	History of Medicine		50	N/A	13	13	1	2	29	21											
88.	Sociology		50	N/A	13	13	1	2	29	21											
89.	Medical Sociology	3	75	N/A	13	13	1	2	29	46					3						
90.	Nutrition		75	Pathology II	12	14	1	2	29	46											
91.	Dental public health	3	75	N/A	14	26	2	2	44	31							3				
92.	Forensic dentistry		75	N/A	14	25	2	2	43	32											
93.	Child Neurology	4	100	Neurology, Pediatrics	8	24	2	3	37	63										4	
94.	Child Surgery		100	N/A	8	24	1	2	35	65											
Free credits		2	Within the framework of free credits, the student can choose the study courses of his choice from the educational programs operating in the university, observing the prerequisites defined for each study course.									2									
Total		300										30	30	30	30	30	30	30	30	30	30